



INVITATION ZERO EMISSION TRUCKING TESTBED TECHNICAL ORIENTATION TO ZERO EMISSION TRUCK SAFETY

CONTEXT

Transport Canada has established a Zero Emission Trucking Testbed in Montreal. The testbed, launched in collaboration with FPInnovations, will collect real world technical evidence in Canadian conditions to help accelerate the decarbonization of emission-intensive on-road freight.

As a component of the testbed, a technical orientation to zero emission trucking technology for safety regulators and key stakeholders will be delivered. This workshop will cover topics such as the safety of battery electric trucks, safety of electric vehicle charger infrastructure, safety standard and regulations, issues related to performing roadside inspections, and on-road safety.

The information at this workshop will be delivered by project collaborators Globocam Montreal-Est, Lion Electric, Volvo Trucks Canada, and ABB.

REGISTRATION IS MANDATORY

The workshop will be delivered as an in-person event as hands-on exposure to battery electric vehicles is planned as a component of the workshop.

You will receive a follow-up confirmation and more details about the workshop. There is no cost to attend and meals and refreshments will be provided. If you have any questions, please contact, Cheryl.gillen@fpinnovations.ca

OBJECTIVES

The objectives of this workshop is to:

- Provide orientation to the safety considerations of battery electric heavy-duty trucks
- Improve knowledge of the safety considerations of electric vehicle chargers
- Review considerations for roadside inspections and on-road safety
- Engage workshop participants to provide feedback and identify needs for battery electric truck safety

DATE :

JANUARY 24 , 2024 - 9:00AM TO 4:00PM

LOCATION :

FPInnovations office - 580 Saint-Jean boulevard, Pointe-Claire, QC H9R 3J9

DETAILS :

Invited attendees at this workshop include federal and provincial safety regulators and other relevant stakeholders.

ZERO EMISSION TRUCKING TESTBEDS

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JANUARY 24, 2024

AGENDA

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TIME	ACTIVITY	
8:30 am	Arrival of participants	Coffee and pastries available
9:00 am	Welcome and introductions	FPIinnovations
9:10 am	National/International HDZEV Safety Standards – A status update	Kyle Hendershot (Transport Canada)
9:30 am	Components and particularities (unique features) of an electric truck	Christian Bazinet (Globocam) Frank Tonon (Lion Electric) Jacques Dostie (Volvo Trucks Canada)
10:30 am	What to know about electric vehicle chargers	Simon Tessier (ABB E-mobility), Christian Bazinet (Globocam)
11:15 am	Exploring an electric truck (Lion6 and Volvo VNR electric)	*Personal protective equipment (boots and glasses required)*
12:15 pm	LUNCH	
1:00 pm	OEM approaches to meet industry safety standards	Frank Tonon (Lion Electric)
1:45 pm	Roadside Inspections: how and what to inspect	Christian Bazinet (Globocam) Frank Tonon (Lion Electric) Jacques Dostie (Volvo Trucks Canada)
2:30 pm	On-road safety: operational practices and technical considerations	Christian Bazinet (Globocam) Frank Tonon (Lion Electric) Jacques Dostie (Volvo Trucks Canada)
3:15 pm	Concluding remarks	FPIinnovations